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on 17 September 2009.

TOWNSEND and TOWNSEND and CREW LLP

By: /Megan McCoy/
Megan McCoy

PATENT
Docket No.: 082368-007500US
Client Ref. No.: ONC-A0306P2-US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Yusuke NAKAMURA et al.

Patent No.: 7,531,300

Issued: May 12, 2009

Application No.: 10/573,297

For: METHOD OF DIAGNOSING
BREAST CANCER

Customer No.: 20350

Confirmation No.: 6847

Examiner: Aeder, Sean E.

Art Unit: 1642

REQUEST FOR CERTIFICATE
OF CORRECTION UNDER §1.323
and §1.322

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Commissioner:

Pursuant to 37 CFR §1.323 Applicant submits a Certificate of Correction correcting minor errors which includes an error inadvertently left uncorrected by Applicant. Specifically, the request under §1.323 is related to the face page of the above-referenced U.S. Patent as described on enclosed form PTO/SB/44.

Pursuant to 37 CFR §1.322 Applicant submits a Certificate of Correction correcting errors within the specification and Sequence Listing attributable solely to the Office. The desired corrections are set described on enclosed form PTO/SB/44 and is accompanied by an Amendment of May 7, 2008 and a Patent Office document dated April 8, 2009 indicating acceptance of the substitute Sequence Listing filed November 13, 2008.

Yusuke NAKAMURA et al.
Application No.: 10/573,297
Page 2

PATENT

Please deduct the fee, pursuant to 37 CFR §1.20(a), of \$100.00 from
Deposit Account 20-1430 and any additional fees associated with this Certificate request.

Respectfully submitted,



Carol P. Johns
Reg. No. 50,463

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, Eighth Floor
San Francisco, California 94111-3834
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CPJ:m4m

62219538 v1

Amends ackn by Office

Appl. No. 10/573,297
Amdt. dated May 7, 2008
Reply to Office Action of February 7, 2008

PATENT

Amendments to the Specification:

Page 3c, line 31

Please replace paragraph [0136] of U.S. Patent Publ. No. 20070269432 with the following amended paragraph:

*Jem
2/7/08*
-- The region [A] hybridizes to [A'], and then a loop consisting of region [B] is formed. The loop sequence may be preferably 3 to 23 nucleotide in length. The loop sequence, for example, can be selected from group consisting of following sequences (http://www.ambion.com/techlib/tb/tb_506.html). Furthermore, loop sequence consisting of 23 nucleotides also provides active siRNA (Jacque, J.-M., Triques, K., and Stevenson, M. (2002) Modulation of HIV-1 replication by RNA interference. *Nature* 418: 435-438).--

Page 32, line 24

*Jem
2/7/09*
Please replace paragraph [0142] with the following amended paragraph:

→
-- The nucleotide sequence of suitable siRNAs can be designed using an siRNA design computer program available from the Ambion website (http://www.ambion.com/techlib/misc/siRNA_finder.html). The computer program selects nucleotide sequences for siRNA synthesis based on the following protocol.--

*Lcm
2/7/09*
Page 33, line 4

Please replace paragraph [0144] with the following amended paragraph:

-- 2. Compare the potential target sites to the human genome database and eliminate from consideration any target sequences with significant homology to other coding sequences. The homology search can be performed using BLAST, which can be found on the NCBI server at: www.ncbi.nlm.nih.gov/BLAST/.

*Jem
2/7/09*
Page 4c, line 16

Please replace paragraph [0197] with the following amended paragraph:

An unsupervised hierarchical clustering method was applied to both genes and tumors. To obtain reproducible clusters for classification of the 102 samples, 710 genes for which valid data were obtained in 80% of the experiments, and whose expression ratios varied by standard deviations

RAW SEQUENCE LISTING

Loaded by SCORE, no errors detected.

Application Serial Number: 10573297 ←

Source: OIPE

Date Processed by SCORE: 4/8/2009 ←

ENTERED

identical to
that filed 11/13/2008

SEQUENCE LISTING

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Katagiri, Toyomasa
Nakatsuru, Shuichi

<120> Method of Diagnosing Breast Cancer

<130> 082368-007500US

<140> 10573297
<141> 2008-11-13 *K office input*
vs 2006-3-22

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neuroepithelium (#937231) clone IMAGE:6436570 3' BRC No. 398
forward primer

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO. : 7,531,300

APPLICATION NO.: 10/573,297

ISSUE DATE : May 12, 2009

INVENTOR(S) : NAKAMURA et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the face page:

In the Assignee data (73): Kawasaki-shi should read – Kanagawa –

In the Inventor data (75): Yokohama should read – Tokyo –
Shinagawa-ku should read – Tokyo –

In the Specification:

At column 23, beginning at line 18, (http://www.ambion.com/techlib/misc/siRNA_finder.html) should read
– (at [ambion.com/techlib/misc/siRNA_finder.html](http://www.ambion.com/techlib/misc/siRNA_finder.html)) –

In the Sequence Listing

Please delete the SEQUENCE LISTING and replace it with the attached SEQUENCE LISTING.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

TOWNSEND AND TOWNSEND AND CREW LLP
Two Embarcadero Center, Eighth Floor
San Francisco, CA 94111-3834

SEQUENCE LISTING

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Katagiri, Toyomasa
Nakatsuru, Shuichi

<120> Method of Diagnosing Breast Cancer

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 No. 456

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binding kinase (PBK), Nori-3, FLJ14385, A7870, BRC
No. 456

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 Leu Ala Met Glu Tyr Gly Gly Glu Lys Ser Leu Asn Asp Leu Ile Glu
 115 120 125
 Glu Arg Tyr Lys Ala Ser Gln Asp Pro Phe Pro Ala Ala Ile Ile Leu
 130 135 140
 Lys Val Ala Leu Asn Met Ala Arg Gly Leu Lys Tyr Leu His Gln Glu
 145 150 155 160
 Lys Lys Leu Leu His Gly Asp Ile Lys Ser Ser Asn Val Val Ile Lys
 165 170 175
 Gly Asp Phe Glu Thr Ile Lys Ile Cys Asp Val Gly Val Ser Leu Pro
 180 185 190
 Leu Asp Glu Asn Met Thr Val Thr Asp Pro Glu Ala Cys Tyr Ile Gly
 195 200 205
 Thr Glu Pro Trp Lys Pro Lys Glu Ala Val Glu Glu Asn Gly Val Ile
 210 215 220
 Thr Asp Lys Ala Asp Ile Phe Ala Phe Gly Leu Thr Leu Trp Glu Met
 225 230 235 240
 Met Thr Leu Ser Ile Pro His Ile Asn Leu Ser Asn Asp Asp Asp Asp
 245 250 255
 Glu Asp Lys Thr Phe Asp Glu Ser Asp Phe Asp Asp Glu Ala Tyr Tyr
 260 265 270
 Ala Ala Leu Gly Thr Arg Pro Pro Ile Asn Met Glu Glu Leu Asp Glu
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<212> DNA

<213> Homo sapiens

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 spermatogenesis-related protein kinase (SPK), PDZ
 binding kinase (PBK), Nori-3, FLJ14385, A7870, BRC
 No. 456

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 binding kinase (PBK), Nori-3, FLJ14385, A7870, BRC
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 Met Lys Arg Ser Pro Arg Gly Leu Ser His Ser Pro Trp Ala Val Lys
 50 55 60
 Lys Ile Asn Pro Ile Cys Asn Asp His Tyr Arg Ser Val Tyr Gln Lys
 65 70 75 80
 Arg Leu Met Asp Glu Ala Lys Ile Leu Lys Ser Leu His His Pro Asn
 85 90 95
 Ile Val Gly Tyr Arg Ala Phe Thr Glu Ala Asn Asp Gly Ser Leu Cys
 100 105 110
 Leu Ala Met Glu Tyr Gly Gly Glu Lys Ser Leu Asn Asp Leu Ile Glu
 115 120 125
 Glu Arg Tyr Lys Ala Ser Gln Asp Pro Phe Pro Ala Ala Ile Ile Leu
 130 135 140
 Lys Val Ala Leu Asn Met Ala Arg Gly Leu Lys Tyr Leu His Gln Glu
 145 150 155 160
 Lys Lys Leu Leu His Gly Asp Ile Lys Ser Ser Asn Val Val Ile Lys
 165 170 175
 Gly Asp Phe Glu Thr Ile Lys Ile Cys Asp Val Gly Val Ser Leu Pro
 180 185 190
 Leu Asp Glu Asn Met Thr Val Thr Asp Pro Glu Ala Cys Tyr Ile Gly
 195 200 205

Thr Glu Pro Trp Lys Pro Lys Glu Ala Val Glu Glu Asn Gly Val Ile
210 215 220
Thr Asp Lys Ala Asp Ile Phe Ala Phe Gly Leu Thr Leu Trp Glu Met
225 230 235 240
Met Thr Leu Ser Ile Pro His Ile Asn Leu Ser Asn Asp Asp Asp Asp
245 250 255
Glu Asp Lys Thr Phe Asp Glu Ser Asp Phe Asp Asp Glu Ala Tyr Tyr
260 265 270
Ala Ala Leu Gly Thr Arg Pro Pro Ile Asn Met Glu Glu Leu Asp Glu
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Lys Asp Glu Leu

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